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Next 1 Page(s) In Document Denied

TOP SECRET

25X1

UPDATE FOR NDS DOCUMENTATION
May 1980

THE INSTALLATIONS DATA FILE
RECORDED ON MAGNETIC TAPE

FORMAT AND CONTENT
ON THE UNIVAC 1110 COMPUTER SYSTEM

March 1979

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REVISED PAGES

Destroy old pages. Insert new pages.

25X1

TOP SECRET

TOP SECRET**REVISED
May 1980**

CONTENTS

	Page
ABOUT THIS PUBLICATION	v
THE INSTALLATIONS DATA FILE	1
CONTENT AND STRUCTURE OF THE FILE: A SUMMARY	1
REFERENCE MATERIAL AND TERMINOLOGY	1
CONTENT AND FORMAT OF THE IDF TAPE	2
TAPE SPECIFICATIONS	2
TAPE ITEMS	2
HEADER AND TRAILER LABELS	3
CONTROL DATA: ALL TAPE ITEMS	4
TAPE ITEMS FOR THE TGT-HDR RECORD	5
TAPE ITEMS FOR THE TGT-GEN-REF RECORD	18
TAPE ITEMS FOR THE TGT-COLL RECORD	24
TAPE ITEMS FOR THE TGT-STA-DES RECORD	27
TAPE ITEMS FOR THE TGT-DEF-SEC RECORD	33
TAPE ITEMS FOR THE TGT-OB RECORD	37
TAPE ITEMS FOR THE TGT-PHOT RECORD	43
TAPE ITEMS FOR THE TGT-PRFL RECORD	50
DOCUMENTATION	55
COMIREX	55
DIA	55
DOD AND CIA	56
NATIONAL BUREAU OF STANDARDS	56
NPIC	57
USA STANDARDS INSTITUTE	57
GLOSSARY	58

TOP SECRET

TGT-DEF-SEC RECORD			25X1
FIELD	CONTENT & ITEMS	FORMAT	
MISS-ID	Mission collection system; e.g., [redacted]	9 characters	25X1
XPL-LVL	Phase of exploitation; indicated by COMIREX priority code assigned to readout in this occurrence of field; codes are given below; see also XPRI field, IHEAD sector 8 = 1st phase, [redacted] 7 = 2nd phase, [redacted] 9 = 1st phase, [redacted] Ø = 2nd phase, [redacted] A = 1st phase, aircraft imagery B = 2nd phase, aircraft imagery P = preliminary exploitation, [redacted] C = current exploitation, [redacted] imagery D = periodic report S = second phase [redacted]	1 character	25X1 25X1 25X1
MISS-DAT	Date of frame on which information in this field is based NN = last 2 digits of year NN = month NN = date	6 characters: NNNNNN	25X1

TOP SECRET

- 35 -

TOP SECRET

REVISED
May 1980

25X1

TGT-DEF-SEC RECORD		
FIELD	CONTENT & ITEMS	FORMAT
ALL-DEF-TEXT	Text on security & defenses of target; includes changes in security & defenses	200 characters; alphanumeric; length will vary; no adjustment

TOP SECRET

TOP SECRET

25X1

TGT-PHOT RECORD		
FIELD	CONTENT & ITEMS	FORMAT
PURG	X-Y coordinates of target PXCOORD = NNN PYCOORD = NNN	6 characters
ST-IMG	Secondary image	
	SCAM - secondary camera (not used at this time)	1 character
	ST-IMG-NUMS - secondary image references	14 characters
	SCCAN - additional scan angle, strip ID, scan sector, or sub- frame ID; right justified; leading blanks	4 characters
PGSD	Primary image ground scale resolution	4 characters
PINTR	Interpretability codes	
QUAL-IMG	Quality of imagery for interpreta- bility E = excellent; requirement can be answered in complete detail G = good; requirement can be answered in considerable detail	1 character: E, G, F, or P

TOP SECRET

- 47 -

TOP SECRET

TGT-PHOT RECORD

25X1

FIELD	CONTENT & ITEMS	FORMAT
PINTR	(CONTINUED) F = fair; requirement can be answered in some detail P = poor; requirement cannot be answered	
PCOV	Extent of coverage A = Complete Coverage/Stereo Mode B = Complete Coverage/Partial Stereo Mode C = Complete Coverage/Mono Mode D = Partial Coverage/Stereo Mode E = Partial Coverage/Partial Stereo Mode F = Partial Coverage/Mono Mode	1 character
PACOV	Angle of coverage O = oblique V = vertical	1 character
PWETH	Weather conditions CL = clear HA = haze HC = heavy clouds SC = scattered clouds	2 characters: CL, HA, HC, or SC

TOP SECRET

- 48 -

TOP SECRET

REVISED
May 1980

TGT-PHOT RECORD

25X1

FIELD	CONTENT & ITEMS	FORMAT
PINTR	(CONTINUED)	
POTHR	Other conditions affecting photo interpretability BL = blurred image HD = heavy dust or smoke OL = obliquity SD = semidarkness SH = shadow SN = snow TR = terrain masking	2 characters: BL, HD, OL, SD, SH, SN, or TR
PTYP	Type of imagery & extent of stereo coverage Type of film B = black & white C = color G = green record I = color near infrared R = red record	
PXPL	Unused at this time	3 characters
PIRS	Scale for rating interpretability of imagery: 0 thru 9; 0 is lowest rating, 9 is highest	2 characters; 1 number; right justified
PRMK	Not used at this time	1 letter, asterisk, or blank
FLM-CAN	Film can	10 characters

TOP SECRET

- 49 -

TOP SECRET

REVISED
May 1980

25X1

TAPE ITEMS FOR THE TGT-PRFL RECORD

RECORD CODE: B
FIELDS : fixed, non-repeating
FIELD CODE : A

FIELDS : variable, repeating
FIELD CODE: B

41	
46	PRO-INFO-DAT
47	
52	PRO-AGEN
53	
56	PRO-CLAS
57	PRO-FLAG
58	
62	IDHS
63	
240	ALL-PRO-TEXT

41	ALL-PRO-TEXT
	or
240	PRO-TEXT-OF

TOP SECRET

- 50 -

TOP SECRET

REVISED
May 1980

FIELDS : fixed, non-repeating
FIELD CODE: C

FIELDS : variable, repeating
FIELD CODE: D

25X1

41	
46	NORM-INFO-DAT
47	
52	NORM-AGEN
53	
56	NORM-CLAS
57	NORM-FLG
58	
240	ALL-NORM-TEXT

41	ALL-NORM-TEXT
	or
240	NORM-TEXT-OF

TOP SECRET

TOP SECRET

REVISED
May 1980

TGT-PRFL RECORD

25X1

FIELD	CONTENT & ITEMS	FORMAT
PRO-INFO-DAT	Date profile text was entered into IDF; YYMMDD format	6 characters
PRO-AGEN	Agency submitting data	6 characters; alphanumeric; left justified; trailing blanks
PRO-CLAS	Classification of profile data	4 characters; AAbA or AbbA
PRO-CLAS-CL	Character 1: defense classification T = Top Secret S = Secret C = Confidential U = Unclassified	T, S, C, or U
PRO-CLAS-CS	Character 2: control system T = TALENT K = TALENT-KEYHOLE C = COMINT	T, K, C, or blank
PRO-CLAS-DI	Character 3: reserved for down- grading indicator	Blank
PRO-CLAS-DG	Character 4: dissemination re- strictions N = No Foreign Dissem; aircraft missions R = sensitive sources or collection methods	N, R, or blank

TOP SECRET

- 52 -

TOP SECRET

REVISED
May 1980

TGT-PRFL RECORD

25X1

FIELD	CONTENT & ITEMS	FORMAT
PRO-FLAG	Status of profile statement * = profile requires updating b = profile is current	1 character; * or b
IDHS	IDHS category code (from TGT-HDR record); classifies target according to function	5 characters; NNNNN
GEN IDHS	General classification of target	NNN
SPEC-IDHS	Specific classification of target	NN
ALL-PRO-TEXT	Summary of function, significance, location, & facilities of instal- lation; <u>repeating field</u>	Variable alphanumeric; no adjustment; length will vary
NORM-INFO-DAT	Date normalcy text entered into IDF; YYMMDD format	6 characters
NORM-AGEN	Agency submitting data	6 characters; alphanumeric; left justified; trailing blanks

TOP SECRET

- 53 -

TOP SECRET

REVISED
May 1980

TGT-PRFL RECORD

25X1

FIELD	CONTENT & ITEMS	FORMAT
NORM-CLAS	Classification of normalcy data	4 characters; AAbA or AbbA
NORM-CLAS-CL	Character 1: defense classification T = Top Secret S = Secret C = Confidential U = Unclassified	T, S, C, or U
NORM-CLAS-CS	Character 2: control system T = TALENT K = TALENT-KEYHOLE C = COMINT	T, K, C, or blank
NORM-CLAS-DI	Character 3: reserved for downgrading indicator	Blank
NORM-CLAS-DG	Character 4: dissemination restrictions N = No Foreign Dissem; aircraft missions R = sensitive sources or collection methods	N, R, or blank
NORM-FLG	Status of normalcy statement * = normalcy requires updating b = normalcy is current	1 character; * or b

TOP SECRET

- 54 -

TOP SECRET

REVISED
May 1980

DOCUMENTATION

25X1

COMIREX

COMIREX-D-31.2/14, COMIREX Mission Exploitation Guidance Manual,
3 September 1970, Secret:
SECTION A - Standard Sets of EEIs for Target Readout.
SECTION B - Exploitation Priorities for Mission Readout.
APPENDIX ONE - NTP Codes for Homogenous Groups of Targets.

COMIREX-D-31.2/19, The National Standard Message Format for
Electrical Transmission of First and Second Phase Exploitation,
2nd revision, October 1976, Top Secret, [REDACTED]

DIA

AP-540-2-1-67-INT as amended, Target Data Inventory Handbook,
February 1967, Secret.

C-0098/XX-1, Photo Reconnaissance Area Reference Grid (U),
October 1967, Confidential.

DIA-560-4-71-INT, Target Intelligence Handbook (TIHB) (U),
August 1971, Secret, [REDACTED]

TOP SECRET

- 55 -

TOP SECRET

25X1

REVISED
May 1980

25X1

DIAM 65-2-1 and all updates, Intelligence Data Handling Systems (IDHS), Automated Intelligence File (AIF), AIF Form No. 1 Instructions (U), 15 May 1967, Secret.

DIAM 65-3-1 and all updates, Intelligence Data Handling Systems (IDHS), Volume III, Standard Coding Systems, Part 1, Functional Classification Handbook (U), 15 September 1966, Confidential.

DOD AND CIA

The National Tasking Plan for the Exploitation of Multi-Sensor Imagery, January 1967, Top Secret --

NATIONAL BUREAU
OF STANDARDS

Federal Information Processing Standards Publication, FIPS PUB 1, Code for Information Interchange, November 1, 1968, Unclassified.

Federal Information Processing Standards Publication, FIPS PUB 3, Recorded Magnetic Tape for Information Interchange (800 CPI, NRZI), November 1, 1968, Unclassified.

Federal Information Processing Standards Publication, FIPS PUB 7, Supplement to FIPS PUBS 1, 2, & 3, Implementation of the Code for Information Interchange and Related Media Standards, March 7, 1969, Unclassified.

TOP SECRET

- 56 -

25X1

25X1

25X1

TOP SECRET

REVISED
May 1980

Federal Information Processing Standards Publication, FIPS PUB 12,
Federal Information Processing Standards Index, January 1, 1971,
Unclassified.

25X1

NPIC

National Imagery Exploitation Target Base (NIETB), Object Target
List, August 1971, Secret/No Foreign Dissem. [machine listing]

NPIC Glossary of Imagery Interpretation Terms
June 1970. Top Secret --

25X1
25X1
25X1

USA STANDARDS
INSTITUTE

USAS, X3.4-1968, Revision of X3.4-1967, Usa Standard Code for
Information Interchange, 1968, Unclassified.

USAS, X3.22-1967, USA Standard, Recorded Magnetic Tape for
Information Interchange [800 CPI, NRZI], 1967, Unclassified.

TOP SECRET

REVISED
May 1980

GLOSSARY

AIF	Automated Intelligence File; a DIA file maintained for the Joint Chiefs of Staff, Unified and Specified Commanders, their major Army, Navy, and Air Force subordinate commands, and the military departments; part of the Intelligence Data Handling Systems (IDHS); contains records on installations; all data on one installation is stored in one record identified by a BE number plus an IDHS category code; the file is processed by a computer; for a detailed description of the AIF see DIAM 65-2-1 as updated.
BLOCK	On the IDF tape, 50 items; each item is comprised of 240 characters.
COMIREX	Committee on Imagery Requirements Exploitation.
FIELD	In the IDF, a unit of information usually consisting of one or more items; the length of a field may be fixed or variable; a field may be repeating or nonrepeating; see REPEATING FIELD, NONREPEATING FIELD.
FIELD CODE	In each IDF sector recorded on tape, one alpha character identifying a field to which it is assigned.
FILE	A set of related records treated as a unit.
FIRST-PHASE EXPLOITATION	The preliminary, rapid interpretation of newly acquired imagery to extract, organize, and disseminate information that will satisfy the immediate needs of the intelligence community; includes screening or scanning and the preparation of IPIRs and OAK reports; see IPIR and OAK.

25X1

TOP SECRET

REVISED
May 1980

FORMAT	The arrangement of data in a file, record, character, field, or item; also refers to the arrangement of data that is input or output.
IDHS	Intelligence Data Handling Systems; see DIAM 65-2-1 and DIAM 65-3-1.
IPIR	Immediate Photographic Interpretation Report; presents the results of first-phase exploitation of imagery from aircraft reconnaissance.
ITEM	In the IDF, a unit of information consisting of one or more characters; the length of an item may be fixed or variable; one or more items comprise a field; see also TAPE ITEM.
MISSION NUMBER	1) The numbers or the letters and numbers that identify a manned or unmanned photo reconnaissance operation. 2) In the control data in each tape item, the reconnaissance mission from which data for one occurrence of a repeating field was derived; 9 characters.
MRN	Machine reference number; identifies one IDF record; one MRN consists of from 1 to 6 digits; assigned by the Univac 1110 computer system; it can be changed or reassigned to another IDF record; all <u>tape</u> items on one target will have the same MRN.
NONREPEATING FIELD	A field used only once to record one or more values; see FIELD and REPEATING FIELD.
NTP	National Tasking Plan for the Exploitation of Multi-Sensor Imagery;

25X1

TOP SECRET

REVIS
May 1980
25X1

OBJECTS DATA FILE

A file on objects, weapons, and weapons systems; maintained by NPIC for the intelligence community; contributors to the file include the Army, Navy, Air Force, Foreign Technology Division of the Air Force, Special Activities Division of the Army, and the Naval Reconnaissance Technical Support Center; each item in the file is identified by a 6-digit or 8-digit number; data on each item includes a category or function code, name, alternative name, and a brief description; listings of the file are available upon request from NPIC/PSG/RSD.

25X1

RECONNAISSANCE
SYSTEM DESIGNATOR

A 2-letter abbreviation for the name or nickname of a reconnaissance or collection system; e.g., ES stands for the [] reconnaissance program; names and nicknames assigned and controlled by DIA/DC-5; the IDF mnemonic for the 2 letters is always MSID; the digraph always precedes the mission number.

25X1

RECORD

In the IDF, a logical unit of information consisting of one or more fields; each record contains all data on one target; identified by a machine reference number; see also TAPE RECORD.

REPEATING FIELD

A field used as often as necessary, i.e., repeated to record different values in the same record.

SEQUENCE NUMBER

In the control data in each tape item, a 5-digit number specifying the sequence of tape items that pertain to one field in one record in a given IDF record.

SUPIR

Supplemental Photographic Interpretation Report; presents the results of second-phase exploitation of imagery from aircraft missions.

TAPE ITEM

On the IDF, 240 characters; synonymous with TAPE RECORD: see also ITEM.

REVISED
May 1980

TAPE RECORD

On the IDF tape, a physical unit of information as opposed to a logical record or unit of information; on the IDF tape each record consists of 240 characters; synonymous with tape item; see also RECORD.

VALUE

The contents of a given record, field, or item in the IDF; synonymous with data and entry.

WAC/BE NUMBER

1) World Aeronautical Chart number plus the Basic Encyclopedia number assigned to a target by DIA.
2) In the control data in each tape item, this number identifies a target; all tape items having the same MRN will also have the same WAC/BE number.

25X1

TOP SECRET

TOP SECRET

REVISED
May 1980